



# BS

\* Telecommunication



*facilitating*  
Superior Human Beings



The courses have been blended with the real time lab facilities under the supervision of competent engineers and technicians.

**BS Telecommunication** has made this world a global village. The far away lands are now connected with each other only because of telecom connectivity. BS Telecommunication at Superior University is enriched with latest courses relating to programming, multivariable calculus, physics, digital wireless communication and wave propagation and antenna theory. The courses have been blended with the real time lab facilities under the supervision of competent engineers and technicians.

## *Superior Split Degree*

To meet the rapidly changing academic challenges, Superior University is exploring new horizons by joining hands with top universities around the globe and proudly offers split degree programmes at undergraduate, post graduate and Ph.D levels with an intention to give access to students for progression to international education.

### Benefits

Guaranteed Better Academic Performance

When you enroll for the Split Degree Programmes you will need to spend half the duration of your degree at Superior and the other half at one of our collaborative partner universities, so ideally your academic standard will be better compared to normal overseas students.

### Time & Cost Effectiveness:

Half the fee, half the duration compared to the normal international degree programmes.

### Visa Processing Facility:

The Foreign Student Support Desk will facilitate you in processing your visa to any respective country.



Total Cr. Hrs.	<b>142</b>
Total Courses	<b>40+ Dissertation/ Research Project</b>
Total Semesters	<b>8</b>
Eligibility	<b>Intermediate with Mathematics or Physics or equivalent.</b>

*Road Map*

### Semester 01

Introduction to Computing	3
Programming Fundamentals	4
Calculus and Analytical Geometry	3
Applied Physics	4
Islamiyat/Pakistan Studies	3
Functional English	3

### Semester 02

Object Oriented Programming	4
Digital Logic and Design	3
Electronics	4
Multivariable Calculus	3
CSPD	3
Discrete Structures	3

### Semester 03

Data Structures & Algorithms	4
Circuit Analysis	4
Computer Architecture	4
Probability & Random Variable	3
Differential Equations	3

### Semester 04

Electronic Devices	4
Signals and System	4
Electromagnetic Theory	4
Complex Variable and Transform	3
Linear Algebra	3
Humanity & SS Elective I	3

### Semester 05

Analogue Communication	4
Control System	3
Data Communication & Networks	4
Operating System Concepts	3
Math Elective I	3

### Semester 06

Telecom Transmission & Switching	3
Digital Signal Processing	4
Mobile Wireless Communication	3
Wave Propagation & Antenna Theory	4
Humanity & SS Elective II	3

### Semester 07

Digital Communication	4
Network Securities	3
Telecommunication System	3
Telecom Elective I	3

### Semester 08

Advanced Routed Networks	4
Telecom Elective II	3
Telecom Elective III	3
Dissertation/Research Project	6